

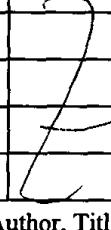
Paper #3

Sheet 1 of 8

U.S. Department of Commerce, Patent and Trademark Office					Atty Docket No.		Serial No.		
					M-9181-2C US		Not yet assigned		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)					Applicant(s) <i>Mary Chen</i>				
					Filing Date		Group		
					Herewith		Not yet assigned		
U.S. Patent Documents									
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
<i>VA</i>	AA	3,926,723	12/16/75	Green et al.	435	392			
<i>VA</i>	AB	4,724,206	02/09/88	Rupp et al.	435	68			
	AC	5,122,469	06/16/92	Mather et al.	435	383			
	AD	5,151,359	09/29/92	Miyahara et al.	435	226			
	AE	5,284,763	02/08/94	Derynk et al.	435	360			
	AF	5,474,931	12/12/95	DiSorbo et al.	435	407			
<i>VA</i>	AG	5,856,179	01/05/99	Chen et al.	435	325			
Foreign Patent Documents									
								Translation	
		Document	Date	Country	Class	Subclass	Yes	No	
<i>VA</i>	AH	387,840	09/19/90	EPO					
<i>VA</i>	AI	481,791	04/22/92	EPO					
<i>VA</i>	AJ	1-101882	04/19/89	Japan					
<i>VA</i>	AK	WO 87/00195	01/15/87	PCT					
<i>VA</i>	AL	WO 88/01643	03/10/88	PCT					
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
<i>VA</i>	AM	Dircks et al., "High Glucose Concentrations Inhibit Protein Synthesis in Retinal Pigment Epithelium In Vitro" <i>Exp. Eye Res.</i> 44:951-958 (1987).							
<i>VA</i>	AN	Fine et al., "Cell Culture Factors Influencing In Vitro Expression of Mouse Mammary Tumor Virus" <i>In Vitro</i> 12(10):693-701 (1976).							
<i>VA</i>	AO	Fleischaker, Jr., "An Experimental Study in the Use of Instrumentation to Analyze Metabolism and Product Formation in Cell Culture" <i>Massachusetts Institute of Technology</i> (Ph.D. Thesis) pps. 196-229 (1982).							
Examiner	<i>V. Knimond</i>		Date Considered	<i>11-08-01</i>					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.									

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)					Applicant(s)	<i>03/66/161</i>		
					Mary Chen			
					Filing Date	Group		
					Herewith	Not yet assigned		
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<i>[Handwritten notes and signatures throughout the table]</i>								
Foreign Patent Documents								
		Document	Date	Country	Class	Subclass	Translation	
<i>VA</i>	AP	WO 89/04867	06/01/89	PCT			Yes	No
<i>VA</i>	AQ	2,251,249	07/01/92	UK				
<i>[Handwritten notes and signatures throughout the table]</i>								
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AR	Forman et al., "On-Line Monitoring and Control of Fermentation and Cell Culture Processes by Flow Injection Analysis" <i>Biosensors and Flow Injection Analysis in Bioprocess Control</i> (Oral Presentation), Freising, Germany (April 8, 1992). <i>not considered</i>						
<i>VA</i>	AS	Garcia-Perez et al., "Molecular Cloning of cDNA Coding for Kidney Aldose Reductase" <i>Journal of Biological Chemistry</i> 264(28):16815-16821 (1989).						
<i>VA</i>	AT	Glacken et al., "Reduction of Waste Product Excretion via Nutrient Control: Possible Strategies for Maximizing Product and Cell Yields on Serum in Cultures of Mammalian Cells" <i>Biotechnol. Bioeng.</i> 28:1376-1389 (1986).						
Examiner	<i>V. A. Lemmon</i>		Date Considered	<i>11-08-01</i>				

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						Translation	
	Document	Date	Country	Class	Subclass	Yes	No
							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
VA	AU	Graf et al., "Development of a Continuous Perfusion System for the Cultivation of Animal Cells" <i>DECHEMA Biotechnol. Conf.</i> 3:615-618 (1989).					
VA	AV	Hadjito et al., "Recombinant Protein Production via Fed-Batch Culture of the Yeast <i>Saccharomyces Cerevisiae</i> " <i>Enzyme Micro. Technol.</i> 15:120-126 (1993).					
VA	AW	Huang et al., "On-line determination of glucose concentration throughout animal cell cultures based on chemiluminescent detection of hydrogen peroxide coupled with flow-injection analysis" <i>Journal of Biotechnology</i> 18:161-162 (1991).					
Examiner <i>V. Afremova</i>	Date Considered <i>11-08-01</i>						

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*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>[Handwritten notes: A large 'J' is written vertically down the center of the column headers, and a large 'D' is written vertically down the center of the body rows.]</i>							
Foreign Patent Documents							
		Document	Date	Country	Class	Subclass	Translation
<i>[Handwritten notes: A large 'D' is written vertically down the center of the column headers, and a large 'F' is written vertically down the center of the body rows.]</i>							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>V.A.</i>	BD	Shak et al., "Recombinant Human DNase I Reduces the Viscosity of Cystic Fibrosis Sputum" <i>Proc. Natl. Acad. Sci. USA</i> 87(23):9188-9192 (Dec. 1990).					
<i>V.A.</i>	BE	Stubblefield et al., "Effects of Sodium Chloride Concentration on Growth, Biochemical Composition, and Metabolism of HeLa Cells" <i>Cancer Research</i> 20:1646-1655 (1960).					
<i>V.A.</i>	BF	Sugiura, "Effects of Glucose on the Production of Recombinant Protein C in Mammalian Cell Culture" <i>Biotechnology and Bioengineering</i> 39:953-959 (1992).					
Examiner	<i>V. A. Remon</i>		Date Considered	<i>11-08-01</i>			

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
<i>V.A.</i>	BJ	Kurano et al., "Growth Behavior of Chinese Hamster Ovary Cells in a Compact Loop Bioreactor 2 Effects of Medium Components and Waste Products" Journal of Biotechnology 15:113-128 (July, 1990).						
<i>V.A.</i>	BK	Kurano et al., "Growth Behavior of Chinese Hamster Ovaray Cells in a Compact Loop Bioreactor. 1. Effects of Physical and Chemical Environment" Journal of Biotechnology 15:101-112 (July, 1990).						
<i>V.A.</i>	BL	GIBCO-BRL LIFE TECHNOLOGIES:1993-1994 Catalogue and Reference Guide, pages 1-16 to 1-24 (1993).						
Examiner <i>V. A. H. Morris</i>	Date Considered		<i>11-08-01</i>					